



IAP6 Rec'd PCT/PTO 14 MAY 2007  
PCT

Docket No.: 043877-0145

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|  |   |                                  |
|--|---|----------------------------------|
| In re U.S. Application of  | : | Customer Number: 31824           |
| Shigemi SUZUKI, et al.   | : | Confirmation Number: 6728        |
| Application No.: 10/590,360  | : | Group Art Unit: Not Yet Assigned |
| International Application No.<br>PCT/JP2005/12255                                  | : | Examiner: Not Yet Assigned       |
| International Filing Date: June 21, 2005   | : |                                  |
| For: CERAMIC BLOCK WITH BUILT<br>IN ELECTRODE AND METHOD<br>OF MANUFACTURE THEREOF | : |                                  |

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371, dated May 2, 2007, submitted herewith is a copy of an executed Declaration And Power Of Attorney (in compliance with 37 C.F.R. § 1.497 (a) and (b). A copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office is also enclosed.

Please charge the Late Filing Surcharge of \$130.00 to Deposit Account No. 502203.  
Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 502203 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



Mark J. Itri

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**Date: May 11, 2007**

**Please recognize our Customer No. 31824  
as our correspondence address.**

ORC 414052-1.043877.0145

05/16/2007 GFREY1 00000031 502203 10590360  
01 FC:1617 130.00 DA



## UNITED STATES PATENT AND TRADEMARK OFFICE

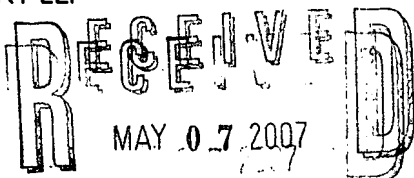
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| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/590,360                  | Shigemi Suzuki        | 043877-0145      |

| INTERNATIONAL APPLICATION NO. |
|-------------------------------|
| PCT/JP05/12255                |

| I.A. FILING DATE | PRIORITY DATE |
|------------------|---------------|
| 06/21/2005       | 06/21/2004    |

31824  
 MCDERMOTT WILL & EMERY LLP  
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 IRVINE, CA 92612-7108



CONFIRMATION NO. 6728

371 FORMALITIES LETTER



\*OC000000023622043\*

Date Mailed: 05/02/2007

MCDERMOTT WILL & EMERY LLP  
 MCDERMOTT WILL & EMERY LLP

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/23/2006
- Copy of the International Search Report filed on 08/23/2006
- Preliminary Amendments filed on 08/23/2006
- Information Disclosure Statements filed on 08/23/2006
- U.S. Basic National Fees filed on 08/23/2006
- Substitute Specification filed on 08/23/2006
- Priority Documents filed on 08/23/2006
- Specification filed on 08/23/2006
- Claims filed on 08/23/2006
- Abstracts filed on 08/23/2006
- Drawings filed on 08/23/2006

Matter No.: 43877-145  
 Resp. Atty. MJI  
 Due Date: 7/2/07  
 Docketed: 5/7/07 *[Signature]*

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

DEBORAH D WILLIAMS

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**PART 1 - ATTORNEY/APPLICANT COPY**

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/590,360                  | PCT/JP05/12255                | 043877-0145      |